

CUSTOMER: F0398152
BATCH #: 020590042

PHONE #: 09

BARCODE #: 5166158697 0006

PRODUCT NAME: M/M BODYGUARD COMPLETE TORPEDO W/DISP

ORDER #: 0573@
STICKER #: 020590211

PORSE
11.3.18.1 v9

MATERIAL SAFETY DATA SHEET: M/M BODYGUARD COMPLETE TORPEDO W/DISP

(00-000000- -4328)

DATE OF ISSUE
4/12/2001

SUPERSEDES
2/23/2001

SECTION I - GENERAL INFORMATION

Chemical Name & Synonyms
N/A

Trade Name & Synonyms
M/M BODYGUARD COMPLETE TORPEDO W/DISP

Chemical Family:
SURFACTANT/PETROLEUM DISTILLATE MIXTURE

Formula Mixture --> X

Manufacturer's Name:
CHEMSEARCH DIV. OF NCH CORP.

Address:
BOX 152170
IRVING, TX 75015

Prepared By:
B Malkey/Chemist

Product Code Number
4328

Emergency Phone Number
800-424-9300

SECTION II - HAZARDOUS INGREDIENTS

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS

Chemical Name (Ingredients)
LIGHT HYDROTREATED PETROLEUM DISTILLATE
WHITE MINERAL OIL
PROPRIETARY SURFACTANT MIXTURE
POLYETHYLENE
OIL MIST VALUES

Hazard	TLV	PEL	STEL	CAS #
IRRITANT	5 MG/M3# 1	5 MG/M3# 2	NOT EST.	64742-47-8
IRRITANT	5 MG/M3# 1	5 MG/M3# 2	NOT EST.	8042-47-5
IRRITANT	NOT EST. 1	NOT EST. 2	NOT EST.	TRADE SECRET
IRRITANT	NOT EST.	NOT EST.	NOT EST.	9002-88-4

SECTION III - PHYSICAL DATA

Boiling Point (F):	>200°F	Specific Gravity (H2O=1):	0.75
Vapor Pressure (MM HG):	8.19	Color:	GREEN
Vapor Density (Air=1):	0.63	Odor:	ALMOND
PH @ 100t :	7.0-9.5	Clarity:	OPAQUE
% Volatile by Volume:	93.7	Evaporation Rate (BU A/C=1):	0.32
H2O Solubility:	EMULSIFIABLE	Viscosity:	VISCOUS

SECTION IV - FIRE AND EXPLOSION HAZARD

Flash Point
>200°F / SETFLASH

Flammable Limits
PETROLEUM DIST.

LEL
1.3

UEL
8.8

Extinguishing Media
X --Foam X --Alcohol Foam X --CO2 X --Dry Chemical X --Water Spray --Other

Special Fire Fighting Procedures:
FIREFIGHTERS SHOULD WEAR A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. EXTINGUISHING MEDIA SHOULD BE CHOSEN BASED ON THE NATURE OF THE SURROUNDING FIRE.

Unusual Fire and Explosion Hazards:
USE CARE AS SPILLS MAY BE SLIPPERY.

Aerosol Level (NFPA 30B): N/A

NFPA 704 Hazard Rating (0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)
1 --Health 0 --Flammability 0 --Instability --Special

SECTION V - HEALTH HAZARD DATA

Threshold Limit Value:
NOT ESTABLISHED FOR MIXTURE. SEE SECTION II.

Effects of Overexposure:

-Acute (Short Term Exposure)

EYE CONTACT: CAUSES MECHANICAL ABRASION AND IRRITATION SEEN AS REDNESS, ITCHING, TEARING AND BLURRED VISION. SKIN CONTACT: MAY CAUSE IRRITATION SEEN AS ITCHING AND REDNESS IN SENSITIVE INDIVIDUALS. INHALATION: AT LOW LEVELS, NO HARMFUL EFFECTS ARE EXPECTED. AT HIGH VAPOR CONCENTRATIONS, INHALATION MAY CAUSE HEADACHE, DIZZINESS, AND NAUSEA WITH POSSIBLE ANESTHETIC EFFECTS FROM CENTRAL NERVOUS SYSTEM DEPRESSION. INGESTION: MAY CAUSE IRRITATION WITH POSSIBLE NAUSEA, VOMITING AND DIARRHEA.

-Chronic (Long Term Exposure)

N CHRONIC EFFECTS KNOWN. MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE ARE PRE-EXISTING RESPIRATORY AND SKIN CONDITIONS SUCH AS ASTHMA, EMPHYSEMA, ATMATITIS. TARGET ORGANS: NONE.

Primary Routes of Entry: --Inhalation --Ingestion --Absorption

Emergency and First Aid Procedures:

-Inhalation:

REMOVE FROM THE AREA TO FRESH AIR. SEEK MEDICAL ATTENTION IF RESPIRATORY IRRITATION DEVELOPS OR IF BREATHING BECOMES DIFFICULT.

USEPA SF



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SECTION V - HEALTH HAZARD DATA (Continued)

-Eye Contact:
SEE THE EYES WITH WATER. REMOVE ANY CONTACT LENSES AND CONTINUE FLUSHING WITH PLENTY OF WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

-Skin Contact:
WASH AFFECTED AREAS WITH PLENTY OF SOAP AND WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

-Ingestion:
DRINK 3 TO 4 GLASSES OF WATER, BUT DO NOT INDUCE VOMITING. IF VOMITING OCCURS, GIVE FLUIDS AGAIN. SEEK MEDICAL ATTENTION IF DISCOMFORT OCCURS.

-Notes to Physician:
THERE IS NO SPECIFIC ANTIDOTE. TREAT THE PATIENT SYMPTOMATICALLY.

SECTION VI - TOXICITY INFORMATION

Product Contains Chemicals Listed as Carcinogen or Potential Carcinogen By:
Carcinogen--> No NTP--> No OSHA--> No ACGIH--> No OTHER--> No

HT HYDROTREATED PETROLEUM DISTILLATE
RL-RAT LD50: >5 MG/M3 3.
KN-RBT LD50: >2 G/M3 3.

PRIMARY SURFACTANT MIXTURE
NO TOXICOLOGICAL DATA AVAILABLE

DIETHYLENE
RL-RAT LD50: >8 G/KG 4.

TE MINERAL OIL
RL-RAT TDLO: 92 G/KG/92D-C 3.

SECTION VII - REACTIVITY DATA

Stability: X <--Stable Null <--Unstable
Conditions to Avoid:
NONE KNOWN.

Compatibility (Materials to Avoid):
STRONG OXIDIZING AGENTS SUCH AS CHLORINE BLEACH AND CONCENTRATED HYDROGEN PEROXIDE.

Hazardous Decomposition Products:
FUMES OF CARBON AND NITROGEN AND AMMONIA FUMES.

Hazardous Polymerization: <--May Occur X <--Will Not Occur
Conditions to Avoid:
NONE KNOWN

SECTION VIII - SPILL OR LEAK PROCEDURES

Steps to be Taken if Material is Released or Spilled:
DUE TO THE NATURE OF THE PACKAGING, A LARGE SPILL IS UNLIKELY. FOR A SMALL SPILL, ABSORB WITH A DAMP CLOTH AND RINSE AREA INTO A SANITARY SEWER. USE CARE AS SPILLS MAY BE SLIPPERY.

Safe Disposal Method(s):
DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.

Stabilizing Agent:
NONE KNOWN

SECTION IX - SPECIAL PROTECTION INFORMATION

Required Ventilation:
GENERAL VENTILATION IS NORMALLY ADEQUATE.

Respiratory Protection:
NONE REQUIRED UNDER NORMAL CONDITIONS OF USE.

Eye Protection:
NONE UNDER NORMAL CONDITIONS OF USE.

Hand Protection:
NONE UNDER NORMAL CONDITIONS OF USE.

Foot Protection:
NONE UNDER NORMAL CONDITIONS OF USE.

SECTION X - STORAGE AND HANDLING INFORMATION

Storage Temperature: Indoors--> X Outdoors--> Heated--> Refrigerated-->
Minimum Temperature: 32°F Maximum Temperature: 120°F

Precautions to be Taken in Handling and Storing:
ALWAYS STORE MATERIAL IN ITS ORIGINAL CONTAINER. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. KEEP FROM FREEZING. IF PRODUCT FREEZES ALLOW IT TO THAW ONLY WARM TO ROOM TEMPERATURE AND STIR THOROUGHLY BEFORE USING.

Other Precautions:
KEEP OUT OF REACH OF CHILDREN. READ THE ENTIRE LABEL BEFORE USING THE PRODUCT. FOLLOW THE LABEL DIRECTIONS.

SECTION XI - REGULATORY INFORMATION

Chemical Name	CAS Number	Upper & Limit
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SECTION XI - REGULATORY INFORMATION (Continued)

Those ingredients listed above are subject to the reporting requirements of 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

Please call 1-800-527-9919 for additional information if you are a California customer.
This MSDS is not intended for users in the state of California.

SECTION XII - REFERENCES

1. THRESHOLD LIMIT VALUES FOR CHEMICAL SUBSTANCES AND PHYSICAL AGENTS AND BIOLOGICAL EXPOSURE INDICES, ACGIH, 2000.
2. OSHA PEL.
3. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES, CCINFODisc, 2000.
4. VENDOR'S MSDS

ALL COMPONENTS IN THIS PRODUCT CAN BE FOUND IN THE CURRENT TSCA INVENTORY.

IRR:IRRITANT, FLAM/FLAMM:FLAMMABLE, COMB:COMBUSTIBLE,
CORR:CORROSIVE CARC:CARCINOGENIC, TOX:TOXIC, N/A:NOT APPLICABLE, N/E:NOT ESTABLISHED, COC:CLEVELAND OPEN CUP, PMCC:PENSKY-MARTIN CLOSED CUP,
TCC:TAGLIABUE CLOSED CUP, LEL:LOWER EXPLOSION LIMIT, UEL:UPPER EXPLOSION LIMIT, NFPA:NATIONAL FIRE PROTECTION ASSOCIATION, IARC:INTERNATIONAL AGENCY
FOR THE RESEARCH ON CANCER, NTP:NATIONAL TOXICOLOGY PROGRAM, OSHA:OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION, ACGIH:AMERICAN CONFERENCE OF
GOVERNMENTAL INDUSTRIAL HYGIENISTS, TLV:THRESHOLD LIMIT VALUE, PEL:PERMISSIBLE EXPOSURE LIMIT, STEL:SHORT-TERM EXPOSURE LIMIT, MLD:MILD,
MOD:MODERATE, SEV:SEVERE, MUT:MUTAGENIC, ASPHYX:ASPHYXIAN, PNOC: PARTICULATES NOT OTHERWISE CLASSIFIED, SDT:STANDARD DRAIZE TEST, ORL: ORAL, HMN:
HUMAN, IHL:INHALATION

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